

California Department of Transportation

Storm Water Management Program Regional Work Plan 2005/2006



Districts 1 and 2

**North Coast Water Quality Control
Board, Region 1**

CTSW-RT-05-132-16.1

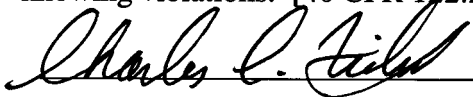
April 1, 2005



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State of California Department of Transportation
District 1 Certification
Regional Work Plan 2005-2006
California Regional Water Quality Control Board
North Coast Region 1

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is true, accurate, and complete to the best of my knowledge and belief. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment of knowing violations. [40 CFR 122.22(d)]

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Date: 3-8-05

Charles C. Fielder, District Director
District

State of California Department of Transportation

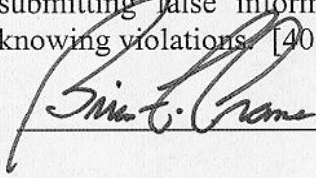
District 2 Certification

Regional Work Plan 2005-2006

California Regional Water Quality Control Board

North Coast Region 1

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is true, accurate, and complete to the best of my knowledge and belief. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment of knowing violations. [40 CFR 122.22(d)]



Date: 3-9-05

Brian Crane, District Director

District 2

TABLE OF CONTENTS

1.0	INTRODUCTION	1-1
2.0	DEPARTMENT PERSONNEL AND RESPONSIBILITIES	2-1
3.0	DISTRICT FACILITIES AND WATER BODIES	3-1
4.0	HIGH RISK AREAS	4-1
5.0	IMPLEMENTATION ACTIVITIES	5-1

LIST OF TABLES

TABLE 2-1: DEPARTMENT STORM WATER PERSONNEL AND RESPONSIBILITIES	2-2
TABLE 2-2: SIGNATORY AUTHORITY FOR KEY DOCUMENTS	2-4
TABLE 3-1: DISTRICT 1 FACILITIES	3-1
TABLE 3-2: DISTRICT 2 FACILITIES	3-4
TABLE 4-1: HIGH RISK AREAS	4-1
TABLE 5-1: DISTRICT 1 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE	5-2
TABLE 5-1: DISTRICT 2 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE	5-9
TABLE 5-2: DISTRICT 1 ANTICIPATED MAINTENANCE ACTIVITIES AND OTHER MANAGEMENT PRACTICES	5-11
TABLE 5-2: DISTRICT 2 ANTICIPATED MAINTENANCE ACTIVITIES AND OTHER MANAGEMENT PRACTICES	5-13
TABLE 5-3: DISTRICT 1 GENERAL MAINTENANCE PRACTICES	5-15
TABLE 5-3: DISTRICT 2 GENERAL MAINTENANCE PRACTICES	5-16

LIST OF FIGURES

FIGURE 2-1: ORGANIZATIONAL CHART	2-5
FIGURE 3-1: DISTRICT 1 RWQCB AND H.U. BOUNDARIES	3-3
FIGURE 3-2: DISTRICT 2 RWQCB AND H.U. BOUNDARIES	3-5

1.0 INTRODUCTION

The purpose of the Regional Work Plans (RWPs) is to describe how the Department will specifically implement the Statewide Storm Water Management Program (SWMP) within the jurisdiction of each Regional Water Quality Control Board (RWQCB) during Fiscal Year 2005/2006 as required by the *Caltrans Statewide Storm Water NPDES Permit – Order No. 99-06-DWQ* (Permit). Implementation activities will be conducted in accordance with the procedures presented in the SWMP. The RWP indicates how District storm water management practices will be modified to improve water quality protection based on evaluation of the previous studies and management activities.

The RWP provides region-specific information on Department facilities, water bodies, and Best Management Practices (BMPs), and monitoring programs according to the following sections:

- Section 1 – Introduction;
- Section 2 – Personnel and Responsibilities;
- Section 3 – District Facilities and Water Bodies;
- Section 4 – High Risk Areas; and
- Section 5 – Implementation Activities.

2.0 DEPARTMENT PERSONNEL AND RESPONSIBILITIES

Portions of Caltrans Districts 1 and 2 fall within the jurisdiction of the North Coast RWQCB (NC-RWQCB) an organizational chart for North Region Storm Water responsibilities is shown in Figure 2-1. Staff responsible for implementing the SWMP within the NC-RWQCB jurisdiction is listed in Table 2-1. Delegation of signatory authority for key Permit / SWMP required documents is included as Table 2-2.

SECTION TWO

Regional Work Plans

TABLE 2-1: DEPARTMENT STORM WATER PERSONNEL AND RESPONSIBILITIES

Staff	Title	Phone Number	E-Mail Address	Responsibilities
Katrina Pierce	Chief, North Region Environmental	(530) 741-4277	katrina_pierce@dot.ca.gov	Oversees all North Region Environmental employees
David Melendrez	Chief, North Region Office of Environmental Engineering-North	(707) 445-5201	david_melendrez@dot.ca.gov	Oversees all Office of Storm Environmental Engineering-North within Districts 1&2
Chris Holm	North Region District 1 NPDES Coordinator	(707) 445-5310	chris_holm@dot.ca.gov	Co-Primary contact for all District 1 NPDES storm water issues
Vacant	North Region District 1 NPDES Coordinator		vacant@dot.ca.gov	Co-primary contact for all District 1 NPDES storm water issues
Ted Schultz	North Region District 2 NPDES Coordinator	(530) 225-4640	ted_schultz@dot.ca.gov	Primary contact for all District 2 NPDES storm water issues
Wes Faubel	North Region Design Storm Water Coordinator	(530) 741-4270	wesley_faubel@dot.ca.gov	Assists Design, provides guidance on BMP selection and implementation during design, monitors for compliance w/ SWMP
Eck Senivong	North Region Construction Storm Water Coordinator – North Area	(530) 225-3350	eck_senivong@dot.ca.gov	Assists RE, inspects storm water controls on construction sites, reviews SWPPPs/WPCPs
Vacant	North Region Construction Storm Water Coordinator – South Area		vacant@dot.ca.gov	Assists RE, inspects storm water controls on construction sites, reviews SWPPPs/WPCPs

SECTION TWO

Regional Work Plans

Staff	Title	Phone Number	E-Mail Address	Responsibilities
Brett Johnson	District 1 Maintenance Storm Water Coordinator-Roadside	(707) 441-2014	brett_l_johnson@dot.ca.gov	Provides guidance on Maint. BMP selection and implementation, monitors for compliance w/ SWMP
Bob Fallis	District 1 Maintenance Storm Water Coordinator-Facilities	(707) 445-6625	bob_fallis@dot.ca.gov	Provides guidance on Maint. BMP selection and implementation, monitors for compliance w/ SWMP
Jim Osier	District 1 Encroachments Permits Storm Water Coordinator	(707) 445-6389	jim_osier@dot.ca.gov	Provides guidance to District 1 Encroachment Permits staff and permittees on storm water issues
Mark Harvey	District 2 Maintenance Storm Water Coordinator	(530) 225-2099	mark_harvey@dot.ca.gov	Provides guidance on Maint. BMP selection and implementation, monitors for compliance w/ SWMP
Chris Gaido	District 2 Assistant Maintenance Storm Water Coordinator	(530) 229-0515	chris-gaido@dot.ca.gov	Provides guidance on Maint. BMP selection and implementation, monitors for compliance w/ SWMP
Bob Raffety	District 2 Encroachments Permits Storm Water Coordinator	(530) 225-3121	bob_raffety@dot.ca.gov	Provides NPDES guidance to District 2 Encroachment Permits staff and permittees

In compliance with Permit Section M.10.b, the following individuals/positions listed in Table 2-2 are authorized to sign the documents, reports, and other information submitted by the District to either the SWRCB or the RWQCB(s). These individuals/positions may delegate authorization to their staff to sign various documents and reports required for implementation of the Storm Water Program.

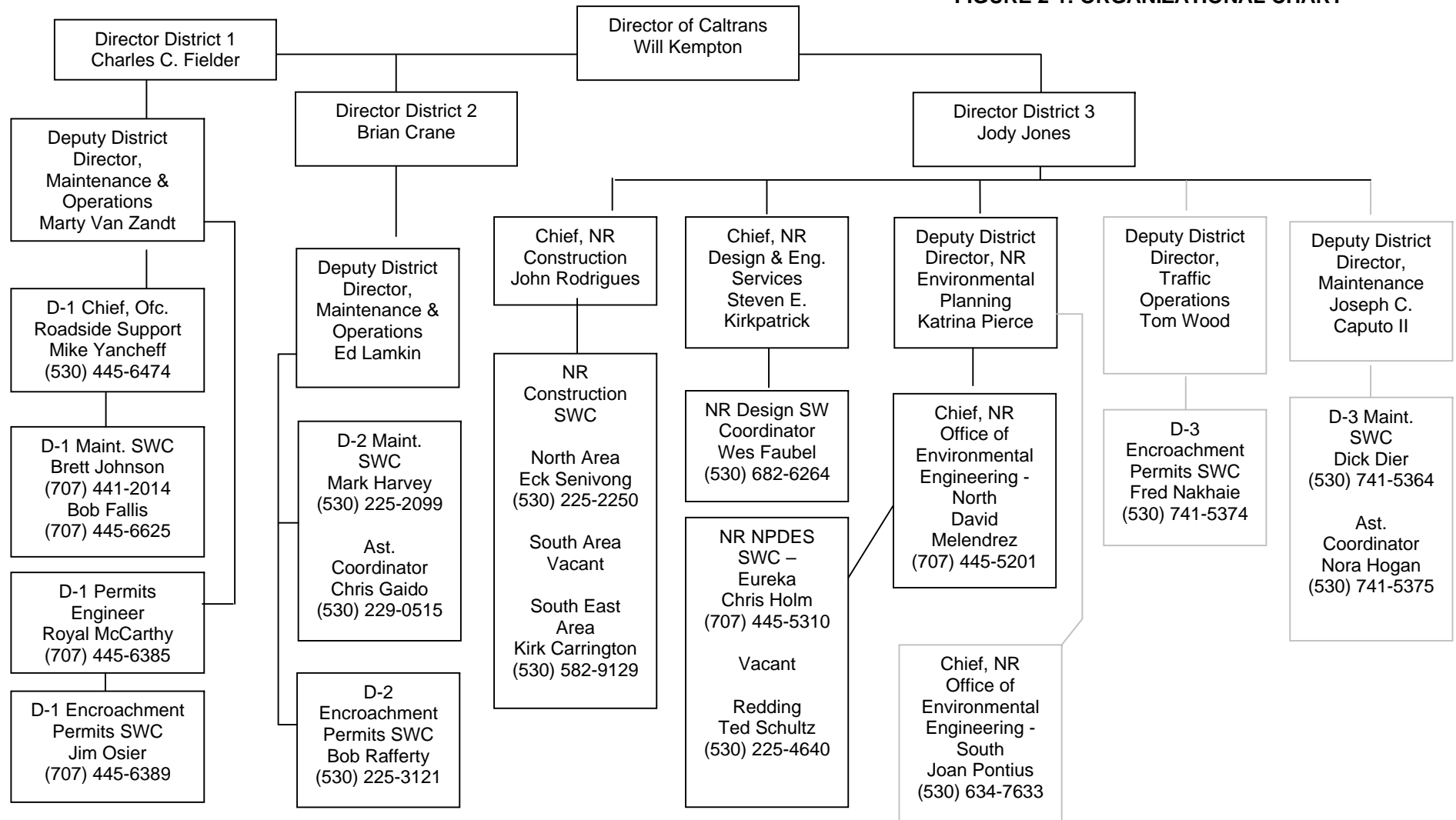
TABLE 2-2: SIGNATORY AUTHORITY FOR KEY DOCUMENTS

Positions or Individuals	Documents Authorized for Signature
District Director	All District Documents
Deputy District Directors/NR Division Chiefs	All District Documents
Chief, North Region Office of Environmental Engineering- North & South	All District Documents except Annual Workplan
North Region NPDES Coordinators	All District Documents except Annual Workplan
Construction Storm Water Coordinators	SWPPP, Notice of Construction (NOC), Notice of Construction Completion (NCC), Notice and Report of Non-Compliance, Discharge or threat of Discharge Notification
Maintenance Storm Water Coordinators, Managers and HazMat Manager	Notice and Report of Non-Compliance, Discharge or Threat of Discharge Notification, Report of Illicit Connection/Discharge (IC/ID)
Permit Storm Water Coordinators	SWPPPs, NOC/NCC, Notice and Report of Non-Compliance, Discharge or Threat of Discharge Notification, and Report of IC/ID
Environmental Coordinator / Environmental Engineering Office Chief	Notice of Soil Reuse with Aerially Deposited Lead (ADL)
Construction Engineer/Resident Engineers	SWPPPs, Notice and Report of Non-Compliance, Discharge or Threat of Discharge Notification, NOC/NCC
Encroachment Permits Storm Water Coordinator	SWPPPs, NOC/NCC, Notice and Report of Non-Compliance, Discharge or Threat of Discharge Notification, and Report of Illicit Connection/Discharge
Facility Supervisor	Facility Pollution Prevention Plans (FPPP)

SECTION TWO

Regional Work Plans

FIGURE 2-1: ORGANIZATIONAL CHART



3.0 DISTRICT FACILITIES AND WATER BODIES

This section identifies Department facilities and water bodies within each District and Regional Board jurisdiction. A list of Department facilities, excluding roadways, is presented in Tables 3-1 and 3-2. Maps showing the District boundaries, major roads and highways within the NCRWQCB jurisdiction are presented in the accompanying Figures 3-1 and 3-2.

TABLE 3-1: DISTRICT 1 FACILITIES

CO	ROUTE	PM	NAME	DESCRIPTION
DISTRICT 1 - MAINTENANCE FACILITIES				
DN	101	27.0	Crescent City	Highway Maintenance
DN	199	28.1	Idlewild	Highway Maintenance
Hum	36	25.4	Bridgeville	Highway Maintenance
Hum	96	0.6	Willow Creek	Highway Maintenance
Hum	96	R38.8	Orleans	Highway Maintenance
Hum	101	11.5	Garberville	Highway Maintenance
Hum	101	59.5	Fortuna	Highway Maintenance
Hum	101	77.3	Eureka	District 1 Office / Shop 1
Hum	101	79.3	Eureka	District Office Annex
Hum	101	83.4	Bracut	Highway Maintenance
Hum	101	120.8	Orick	Storage
Hum	101	R132.0	Park Bypass	Sand and Salt Storage
Hum	299	12.5	Pine Creek	Sand and Salt Storage
Hum	299	29.1	Titlow Hill	Sand and Salt Storage
Men	1	20.4	Manchester	Highway Maintenance
Men	1	62.1	Fort Bragg	Highway Maintenance
Men	101	27.4	Ukiah	Highway Maintenance
Men	101	45.2	Willits	Highway Maintenance
Men	101	82.2	Rattlesnake Creek	Sand and Salt Storage
Men	128	28.0	Boonville	Highway Maintenance
Men	271	7.2	Leggett	Highway Maintenance
DISTRICT 1 - VISTA POINTS				
DN	101	13.3	Wilson Creek	Vista Point
DN	101	R22.7	Crescent City	Vista Point
Hum	96	8.7	Hoopa Valley	Vista Point
Hum	101	47.0	Greenlaw	Vista Point
Hum	101	73.7	Harold G. Larsen	Vista Point
Hum	101	94.3	McKinleyville	Vista Point
Hum	299	28.4	Berry Summit	Vista Point
Men	1	25.2	Mallo-Pass Creek	Vista Point
Men	1	49.4	Brewery Gulch	Vista Point

SECTION THREE

Regional Work Plans

CO	ROUTE	PM	NAME	DESCRIPTION
Men	1	49.9	Big River, South	Vista Point
Men	1	50.6	Big River, North	Vista Point
Men	1	55.0	Caspar Creek	Vista Point
Men	1	74.1	Blue Slide	Vista Point
Men	1	81.2	Westport-Union Landing	Vista Point
DISTRICT 1 - COMMERCIAL VEHICLE ENFORCEMENT FACILITIES				
Hum	101	97.1	Little River	SB
Hum	299	R7.5	Buckhorn	WB
Men	20	28.7	Two Rock	EB - Abandoned, pending removal
Men	101	41.3	Ridgewood	SB
Men	101	48.7	Willits	SB - Abandoned, pending removal
DISTRICT 1 - SAFETY ROADSIDE REST AREAS				
DN	199	33.4	Collier Tunnel	SB, 3 mi. S of Oregon State Line
Hum	101	R102.9	Trinidad	SB, 3.5 mi. S of Patrick's Point. U.C.
Hum	101	R105.0	Trinidad	NB, 0.5 mi. S of Patrick's Point. U.C.
Men	101	58.9	Moss Cove	SB, 10.5 mi. S of Laytonville
Men	101	61.8	Irvine Lodge	NB, 7.9 mi. S of Laytonville
Men	101	82.4	Empire Camp	NB, 2.5 mi. S of Cummings
Tri	299	R3.6	Salyer	EB, 2.2 mi E of Salyer
DISTRICT 1 - PARK AND RIDE FACILITIES				
Hum	101	59.5	Fortuna	SE Corner Kenmar Road Interchange
Hum	101	74.8	Herrick Avenue	NW Corner Herrick Avenue
Hum	101	100.7	Trinidad West	NW Corner Trinidad Interchange
Hum	101	100.7	Trinidad East	NE Corner Trinidad Interchange
DISTRICT 1 - TOLL ROAD AND TOLL BRIDGE PLAZAS				
None.				

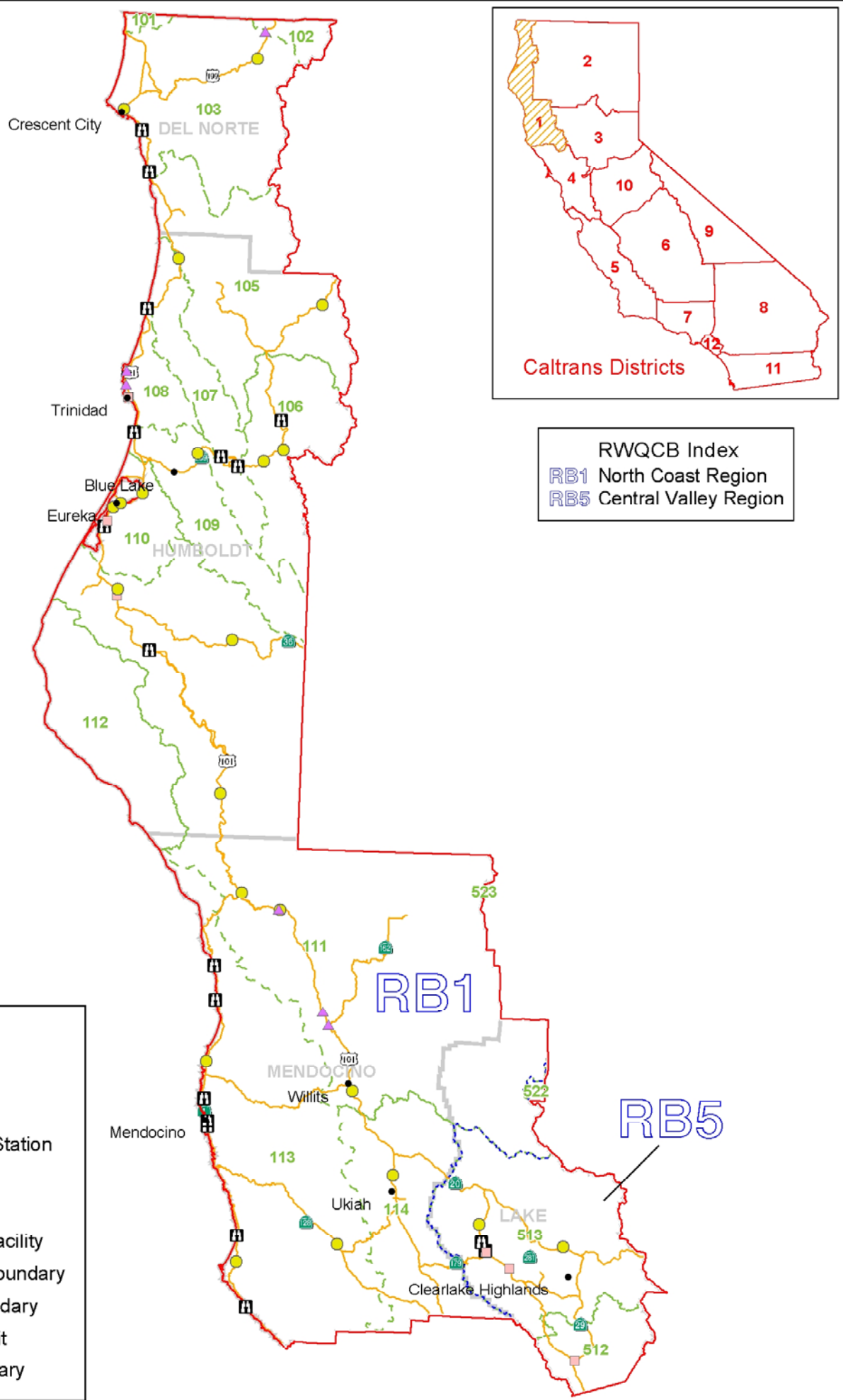


Figure 3-1
District 1 RWQCB and H.U. Boundaries

TABLE 3-2: DISTRICT 2 FACILITIES

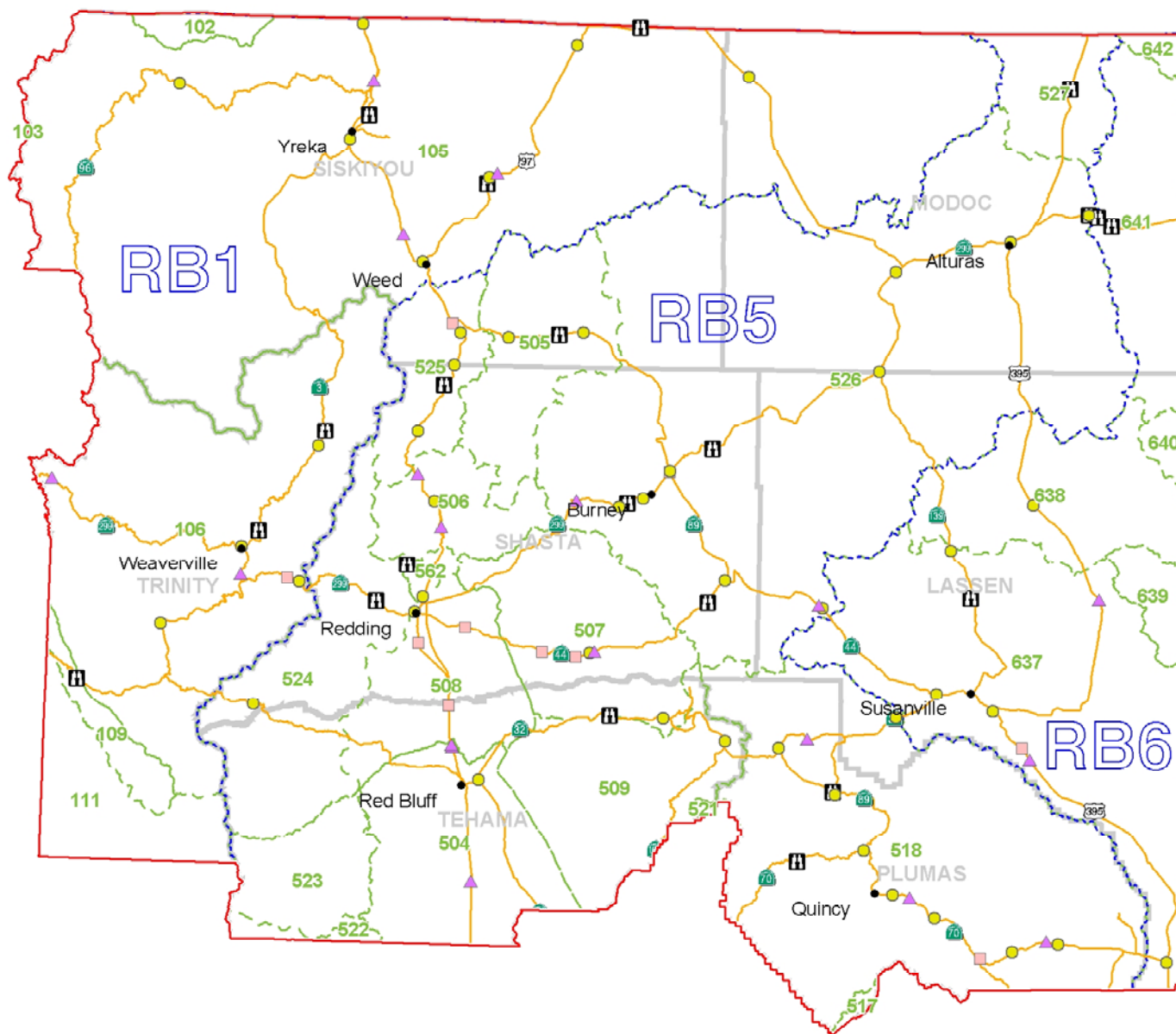
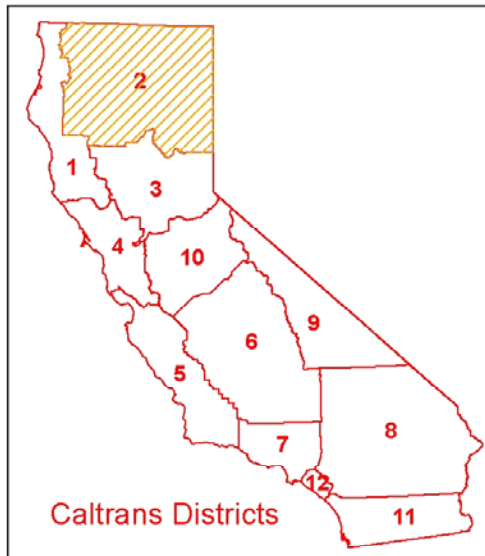
CO	ROUTE	PM	NAME	DESCRIPTION
DISTRICT 2 - MAINTENANCE FACILITIES				
Sis	5	20.2	Weed	Sand & Salt Storage
Sis	5	47.4	Yreka	Highway Maintenance
Sis	5	68.3	Hilt	Sand & Salt Storage
Sis	96	60.8	Seiad Valley	Highway Maintenance
Sis	97	20.2	Grass Lake	Highway Maintenance
Sis	97	49.8	Dorris	Sand & Salt Storage
Tri	3	6.2	Hayfork	Highway Maintenance
Tri	3	59.5	Trinity Center	Highway Maintenance
Tri	299	51.2	Weaverville	Highway Maintenance
Tri	299	69.7	Buckhorn	Sand & Salt Storage
Mod	139	44.9	Newell	Highway Maintenance
DISTRICT 2 - VISTA POINTS				
Sis	5	52.0	Yreka	Vista Point
Sis	97	19.1	Grass Lake	Vista Point
Sis	161	8.8	Lower Klamath Wildlife Refuge	Vista Point
Tri	3	37.9	Trinity Lake (USFS)	Vista Point
Tri	3	62.8	North Shore	Vista Point
Tri	36	9.8	South Fork Mountain Summit	Vista Point
DISTRICT 2 - COMMERCIAL VEHICLE ENFORCEMENT FACILITIES				
None.				
DISTRICT 2 - SAFETY ROADSIDE REST AREAS				
Sis	5	R25.6	Weed Airport	6 mi. N of Weed; NB & SB
Sis	5	R58.6	Randolph C. Collier	2.5 mi. N of Route 96
Sis	97	21.8	Grass Lake	19.8 mi. N of Weed
Tri	299	56.9	Moon Lim Lee	5 mi. E of Weaverville
Tri	299	R3.6	Salyer	3 mi. E of Salyer
DISTRICT 2 - PARK AND RIDE FACILITIES				
None				
DISTRICT 2 - TOLL ROAD AND TOLL BRIDGE PLAZAS				
None				

Legend

- Major City
- ▲ Rest Area
- Maintenance Station
- Park & Ride
- ⌘ Vista
- Department Facility
- ▭ Department Boundary
- ▭ RWQCB Boundary
- ▭ Hydrologic Unit
- ▭ County Boundary

RWQCB Index

- RB1 North Coast Region
- RB5 Central Valley Region
- RB6 Lahontan Region



Lists and maps of the Department of Water Resource Hydrologic Units located within the coverage area are presented in Appendix A of the SWMP. Specific information on Department of Transportation facilities and water bodies may also be found at the following website: <http://stormwater.water-programs.com/Research.htm>

4.0 HIGH RISK AREAS

A list of High-Risk areas within Districts 1 and 2 is presented in Table 4-1. High-Risk areas are defined in the Section E.2 of the Permit to include areas such as locations where spills from Department owned right-of-ways, activities, or facilities can discharge directly to municipal or domestic water supply reservoirs or ground water percolation facilities. Additional sites may be added to the High-Risk list based on discussion between the RWQCB and the Department. The Permit requires consideration of appropriate spill containment and spill prevention control measures for these areas.

In order to generate the list of High-Risk municipal and domestic water supply reservoirs and ground water percolation facilities The Department first contacted known public and private water supply providers. From the information received, The Department determined which facilities were susceptible to a direct spill from a Department activity or facility. This determination was based on proximity between the water body and a Department facility, use characteristics of the facilities, and the probable spill response time.

The Department shall consider and implement spill containment and prevention control measures in accordance with the processes contained in the SWMP including Section 3 for BMP identification and implementation, Section 4.4.1 for new construction projects or Section 4.4.2 for retrofit projects that are within these areas.

TABLE 4-1: HIGH RISK AREAS

Road Segment	County	High Risk Area	Description	Comments
DISTRICT 1				
101 / 42.9	MEN	Chinquapin Lake Intake	Water for Pine Mountain Mutual Water Co.	2 miles to facility
101 / 48.7	MEN	Lake Ada Rosa	Water for Brooktrails Township CSD	2.1 miles to facility.
101 / 48.7	MEN	Lake Emily Intake	Water for Brooktrails Township CSD	1.8 miles to facility.
101 / 42.8	MEN	Morris Reservoir	Water for City of Willits	0.8 miles to facility.
DISTRICT 2				
3 / 54.2	SIS	Lake Shastina - Treatment Plant	Water for City of Montague	
3 / 8.2	TRI	Hayfork - Ewing Reservoir	Water for Trinity Co. W.W. Dist #1	

5.0 IMPLEMENTATION ACTIVITIES

This section presents specific project work planned for the year. The anticipated schedule of construction and maintenance activities is subject to change. It is important to note that Start and Completion dates are subject to delay due to funding allocations from the California Transportation Commission. Currently, Statewide, there are approximately \$1.2 billion worth of projects on the shelf. The Department will discuss with the RWQCBs new projects meeting the criteria listed below when ground disturbance takes place or when major maintenance activities are initiated during the year. Table 5-1 includes a list of construction projects that meet one or more of the following criteria:

- The project involves greater than 5 acres of land disturbance, designated as “DSA”;
- The project affects a 303(d) listed water body within the project limits, designated as “303”;
- The project requires a 401 Water Quality Certification or Waiver, designated as “401”;
- The project is a Supplemental Environmental Project (water quality project negotiated by the RWQCB and The Department) designated as “SEP”;
- The project is a storm water retrofit project (SWMP Section 4.4.2), designated as “Retro”;
- The project limits are within a “High Risk Area,” designated as “HR”; and
- The project is designated by a RWQCB as posing a potential threat to water quality, designated as “RB”.

Note: All projects that do not require a SWPPP will require a WPCP.

Table 5-1 is intended to facilitate early RWQCB staff input in the project-planning phase in accordance with Section L.8 of the Permit and Section 4.4 of the SWMP. The goal is to resolve water quality issues that may affect project funding, permitting, and scheduling. In addition, projects that require RWQCB review of project SWPPPs/WPCPs in accordance with Sections H.8 and L.8 of the Permit are also covered in Table 5-1.

Table 5-2 presents a list of anticipated major maintenance projects that have the potential to impact water quality and provides early notification of such activities. It also includes region-specific issues and BMP actions/modifications based on program evaluations discussed in current and/or past Annual Report(s).

Table 5-3 summarizes various program management activities that are part of the storm water pollution prevention program.

SECTION FIVE

Regional Work Plans

TABLE 5-1: DISTRICT 1 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE

Category**	EA	Co.	Route	Begin/End PM	Project Description	Water Bodies Impacted by Project	Criteria*	Anticipated Project Delivery Schedule		Construction Period	
								PA&ED Date	PS&E Date	Start Date	Completion Date
B	3634U	DN	101	004.4/009.4	Roadway Rehabilitation And Bridge Rail Upgrade And Widening	Klamath River	DSA 303 401	Jan-2006	Feb-2007	Sep-2007	-Oct-2009
B	29314	DN	199	10.9/11.2	Replace Bridge Near Gasquet	Hardscrabble Crk-Trib to M. Fork Smith	401	Oct-2005	Nov-2006	Jun-2007	Jan-2009
D	29313	DN	101	35.8/45.3	Widen Roadway And Bridges At Smith River Overflow And Gilbert Creek	Gilbert Creek; Smith River Overflow	DSA 401	Mar-2002	Jan-2005	Jul-2005	Feb-2007
A	43690	DN	101	36.8/42.3	Construct Passing Lanes	Smith River	DSA 401	Jan-2009	Sep-2010	Jan-2011	Jan-2012
B	34540	DN	101	43.6/045.8	Shoulder Widening And Left-Turn Channelization	Gilbert Creek, Lopez Creek	DSA 401	Aug-2005	Nov-2006	Aug-2007	Oct-2008
B	36341	DN	101	T5.8/7.8	Rdwy Rehab & Grade Raise Near Klamath	Klamath River	303 401	- Jan-2006	- Feb-2007	Sep-2007	Oct-2009
D	31171	DN	169	2.5/2.7	Replace Bridge Terwer Creek Bridge	Terwer Creek	401	Dec-2003	Feb-2004	Aug-2004	Jan-2007
C	40960	DN	199	27.0/27.5	Curve Realignment Near Patrick Creek	Smith River	401	Sep-2004	Dec-2005	Jul-2006	Jan-2008
B	43020	HUM	96	023.0/023.2	Place Underdrain And Reconstruct Roadway	Klamath River	303	Nov-2005	Mar-2006	Oct-2006	Jul-2007

SECTION FIVE

Regional Work Plans

TABLE 5-1: DISTRICT 1 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE

Category**	EA	Co.	Route	Begin/End PM	Project Description	Water Bodies Impacted by Project	Criteria*	Anticipated Project Delivery Schedule		Construction Period	
								PA&ED Date	PS&E Date	Start Date	Completion Date
B	44120	HUM	101	37.7	Modify Drainage	Eel River	303 401	Jun-2006	Oct-2006	- Feb-2007	Nov-2007
D	36310	HUM	101	035.9/039.2	Roadway Rehabilitation	Tributary to So Fork Eel River	401	Oct-2002	Feb-2004	April-2004	Nov-2006
D	31440	HUM	101	056.2/057.5	Bridge Replacement (Scour) Van Duzen River Bridge	Van Duzen River	DSA 303 401	Mar-2004	Nov-2004	Jun-2005	Jan-2007
B	29030	HUM	101	057.0/058.8	Construct Interchange And Frontage Roads 36/101	Tributary to Van Duzen & Eel Rivers	DSA 303 401	Jun-2005	Jan-2007	Jun-2007	Mar-2009
B	43840	HUM	101	058.8/070.0	Install Median Barrier	Eel River	303 401	Aug-2005	Nov-2005	May-2006	Feb-2008
B	36600	HUM	101	079.8/085.8	Eureka/Arcata Corridor Improvements Between Eureka And Arcata	Humboldt Bay, Jacoby Crk, Brainard's Slough, Washington Gulch, Rocky Gulch, Fay Slough, Freshwater Crk, Unnamed Trib.	DSA 303 401	Jan-2008	May-2011	Nov-2011	Oct-2014
B	36330	HUM	101	079.8/087.8	Roadway Rehabilitation	Humboldt Bay	303 401	Mar-2007	Jan-2008	Aug-2008	Dec-2010

SECTION FIVE

Regional Work Plans

TABLE 5-1: DISTRICT 1 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE

Category**	EA	Co.	Route	Begin/End PM	Project Description	Water Bodies Impacted by Project	Criteria*	Anticipated Project Delivery Schedule		Construction Period	
								PA&ED Date	PS&E Date	Start Date	Completion Date
B	29610	HUM	101	089.4/R090.2	Replace Bridges (Scour) Mad River Bridges	Mad River	303 401	Apr-2005	Jun-2006	Feb-2007	Nov-2010
C	44090	HUM	101	R015.3/R015.7	Drainage System Restoration	South Fork of Eel	303 401	Feb-2004	Jul-2005	Oct-2005	Oct-2006
A	30320	HUM	101	R094.0/	Mitigation Work-Mouth Of Mad River	Mad River	303 401				
B	42250	HUM	101	R097.3/122.3	Culvert Rehabilitation	Various	401	Apr-2005	Dec-2005	Jan-2007	Nov-2008
D	40320	HUM	101	R102.9/R103.7	Upgrade Filtration Gallery And Water Lines	Trib - Pacific Ocean	401	Dec-2002	Dec-2004	Jun-2005	Nov-2005
B	43050	HUM	169	033.5/033.8	Curve Improvement	Klamath River	303	Jun-2006	Dec-2007	May-2008	Jan-2009
B	36460	HUM	169	20.2/30.2	Replace Four Bridges Near Weitchpec	Mawah Ck, Cappell Crk, Ruby Ranch Crk, Martin's Ferry Crk	DSA 401	Jan-2006	Jun-2007	Jan-2008	Feb2011
D	29670	HUM	255	000.1/001.9	Seismic Retrofit - Phase 2	Humboldt Bay	303 401	Apr-2002	Aug-2002	Nov-2002	Aug-2006
D	39591	HUM	299	R21.8/42.6	Culvert Rehab	Redwood Creek, Trinity River	303 401	Feb-2002	Oct-2003	Oct-2003	Oct-2005
A	43980	HUM	299	R007.5/R028.8	Rehabilitate Culverts	Trib to Mad River	401	Nov-2006	Aug-2007	Dec-2007	Dec-2008

SECTION FIVE

Regional Work Plans

TABLE 5-1: DISTRICT 1 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE

Category**	EA	Co.	Route	Begin/End PM	Project Description	Water Bodies Impacted by Project	Criteria*	Anticipated Project Delivery Schedule		Construction Period	
								PA&ED Date	PS&E Date	Start Date	Completion Date
C	42380	HUM	299	R008.8/R009.0	Place Deep Underdrain / Reconstruct Roadway	Trib to Mad River	401	Oct-2001	Oct-2005	Jan-2006	Jan-2007
C	44180	MEN	1	82.9	Repair Bridge Deck	Juan Creek	401	Feb-2005	Nov-2006	Apr-2007	Aug-2007
B	29171	MEN	1	038.0/038.2	Construct Tie-Back Retaining Wall	Navarro River	303	Apr-2006	Jun-2007	Jan-2008	Nov-2009
D	37801	MEN	1	060.0/060.7	Seismic Retrofit- Replace Bridge Noyo River Bridge	Noyo River	303 401	Jan-1999	Dec-2001	Oct-2001	Nov-2005
B	38570	MEN	1	069.4/070.1	Replace Bridge - Seismic Retrofit Ten Mile River Bridge	Ten Mile River	DSA 303 401	Mar-2005	Jun-2005	Nov-2005	Dec-2008
B	31010	MEN	1	33.4/33.9	Replace Bridge Greenwood Cr Br, Near The Town Of Elk	Greenwood Creek	401	Dec-2002	Jun-2004	Dec-2005	Apr-2009
B	43460	MEN	1	L5710/	Replace Maintenance Station In Fort Bragg	Pacific Ocean	401	Jun-2005	Oct-2006	Feb-2007	Aug-2008
D	30790	MEN	1	R010.2/011.2	Realign Roadway	Pacific Ocean	DSA 401	Jan-2004	Mar-2005	Sep-2005	Dec-2006
C	44810	MEN	128	11.3/11.5	Curve Improvement	Flynn Creek	401	Oct-2004	Jan-2005	May-2005	Feb-2006

SECTION FIVE

Regional Work Plans

TABLE 5-1: DISTRICT 1 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE

Category**	EA	Co.	Route	Begin/End PM	Project Description	Water Bodies Impacted by Project	Criteria*	Anticipated Project Delivery Schedule		Construction Period	
								PA&ED Date	PS&E Date	Start Date	Completion Date
B	41180	MEN	020	026.0/027.0	Realign Curves	Tributary to Big River	DSA 401	Aug-2005	Jul-2007	Dec-2006	Jan-2009
C	29770	MEN	020	033.3/R037.9	Roadway Rehabilitation North Calpella Oc To Cold Creek Bridge	Russian River East Fork of Russian River Lake Mendocino Cold Creek	303 401	Jun-2001	May-2005	Dec-2005	Aug-2006
C	29200	MEN	020	R000.3/002.4	Construct 2-Way Left Turn Lane	Tributary to Navarro River	DSA 401	Jun-2004	May-2006	Dec-2006	Apr-2009
D	31610	MEN	020	R037.9/043.0	Roadway Rehabilitation	Cold Creek	DSA 401	Aug-2003	Apr-2004	May-2004	Feb-2006
B	36430	MEN	1 20 101	Rte 1 - 3.8, 47.2 Rte 20 - 4.4, R32.8 Rte 101 - 48.9	Culvert Rehab	77 sites-Noyo, Big Rivers; Outlet Crk	303 401	Oct-2005	Jan-2006	Aug-2006	Dec-2008
B	2921U	MEN	101	008.8/017.6	4 Lane Freeway/Expressway	Russian River	DSA 303 401	Nov-2007	Jan-2011	Dec-2011	Oct-2014
D	41070	MEN	101	037.4/038.8	Realignment And Widening	Forsythe Creek - Tributary to the Russian River	DSA 401	Mar-2003	Nov-2003	Dec-2003	Aug-2005

SECTION FIVE

Regional Work Plans

TABLE 5-1: DISTRICT 1 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE

Category**	EA	Co.	Route	Begin/End PM	Project Description	Water Bodies Impacted by Project	Criteria*	Anticipated Project Delivery Schedule		Construction Period	
								PA&ED Date	PS&E Date	Start Date	Completion Date
ND	45850	MEN	101	R86.8/R88.2	Shoulder Improvement, MBGR and Widening	Eel River	DSA/303	Nov-2005	Oct-2006	May-2009	Dec-2009
B	39751	MEN	101	098.9/R100.8	Realign Roadway	Eel River	DSA 303 401	Nov-2005	Jun-2006	Jan-2007	Oct-2009
D	29301	MEN	101	10.7/11.2	Widen Bridge& Upgrade Rail Feliz Creek Bridge	Feliz Creek-Tributary to Russian River	401	Oct-2002	Dec-2003	May-2004	Jul-2006
B	40280	MEN	101	46.2/R84.6	Culvert Rehab Various - 0.5 Km No Of Baechtel Crk Bridge To 0.2 Km So Of Cummings Rd Undercrossing	Baechtel Creek	401	May-2006	Sep-2007	Sep-2007	Feb-2009
B	42290	MEN	101	92.7/93.6	Curve Improvement, Widen Shoulders, & Ogac Overlay	Eel River	303 401	Jan-2005	Sept-2005	May-2006	Jun-2007
B	26200	MEN	101	T043.5/051.3	Willits Bypass	Baechtel, Broadus, Haehl, Upper Haehl, Mill, and Outlet Creeks	DSA 303 401	Jan-2006	May-2007	Jan-2008	May-2011
D	36500	MEN	128	R028.1/028.3	Replace Bridge Anderson Creek Bridge	Anderson Creek-Trib to Navarro River	DSA 401	May-2002	Jun-2003	Sep-2003	Aug-2005

SECTION FIVE

Regional Work Plans

TABLE 5-1: DISTRICT 1 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE

Category**	EA	Co.	Route	Begin/End PM	Project Description	Water Bodies Impacted by Project	Criteria*	Anticipated Project Delivery Schedule		Construction Period	
								PA&ED Date	PS&E Date	Start Date	Completion Date
C	37810	MEN	128 253	Rte 128 - 0.0, 50.1 Rte 253 0.0/17.2	Culvert Rehab	Navarro River	303 401	Mar-2005	Apr-2007	Jan-2008	Apr-2010
B	43200	MEN	162	005.0/005.2	Dewater And Reconstruct Roadway	Outlet Creek	303	Nov-2005	Aug-2006	Mar-2007	Sep-2007
B	40430	MEN	162	R0.0/34	Culvert Rehab Various - 101/162 Junction To Short Crk Bridge	Various	401	Jul-2007	Aug-2008	Jan-2009	Jan-2010
D	43150	MEN	175	002.0/002.3	Realign Curve And Widening	Russian River	303 401	Jun-2002	Jan-2004	Dec-2004	Aug-2005
B	38050	MEN	222	001.0/	Replace Bridge Russian River Bridge	Russian River	DSA 303 401	Sep-2006	Dec-2007	May-2008	Jan-2010
B	43270	MEN	253	001.1/001.3	Remove Slide	Anderson Creek Trib to Navarro River	401	Oct-2005	Aug-2006	Apr-2007	Nov-2007
D	40820	MEN	271	000.5/020.4	Culvert Rehab	Trib to Eel River	401	Apr-2002	Dec-2004	Jun-2005	Feb-2006

SECTION FIVE

Regional Work Plans

TABLE 5-1: DISTRICT 2 ANTICIPATED PROJECT DEVELOPMENT/CONSTRUCTION SCHEDULE											
SWMP Category**	EA	Co.	Route	Begin/End PM	Project Description	Water Bodies Impacted by Project	Criteria*	Anticipated Project Delivery Schedule		Construction Period	
								PA&ED Date	PS&E Date	Start Date	Completion Date
ND	31120	SIS	161	18.7/19.3	Replace Bridge	Lost River	401	Feb-2005	Dec-2005	Jun-2006	Jan-2008
B	35990	SIS	5,97,265	R18.8,R19.6; L0.0;PM19.8/ R19.3,20.1;0.2;20.3	Rehabilitation Of I-5 Ramps And The City Weed	Log Creek	DSA/401	Mar-2005	Feb-2006	Oct-2006	Oct-2007
B	37800	TRI	3	43.9/53.7	Scour And Rail Upgrade	Stuart Creek, East Fork Stuart Creek	401	Jan-2005	Dec-2005	Feb-2006	Jan-2008
D	36410	TRI	3	6.5/6.5	Replace The Bridge	Hayfork Creek	DSA/401/303	Jan-2003	Aug-2003	May-2004	Nov-2006
ND	0C910	TRI	299	20.9/21.4	Curve Correction	Trinity River	303	Apr-2005	Nov-2005	May-2006	Dec-2006
ND	37500	TRI	299	36.1/36.4	Modify Curve Radii, Superelevation, And Widen Shoulder	Trinity River	401	Jul-2004	Dec-2004	Mar-2006	Aug-2006
B	28853	TRI	299	55.7/57.7	Add Passing Lanes	Weaver Creek	DSA	Nov-2003	Apr-2004	Dec-2004	Jan-2008
ND	39000	TRI	299	60.8/61.2	Left Turn Lane Channelization (& Extend Passing Lane	Trinity River	DSA/401	Apr-2005	Oct-2006	Jan-2006	Oct-2006

Table 5-1 Legend

*** Criteria**

- DSA = Disturbed Soil Area is greater than 5 acres.
- 303d = 303 (d) listed water body within project limits and affected by project
- 401 = 401 Certification/Waiver required
- SEP = Supplemental Environmental Project
- Retro = Storm Water Retrofit Project (SWMP 4.4.2)
- HR = Project limits within High Risk Area
- RB = RWQCB designated project as a potential threat to water quality

**** SWMP Category is defined in SWMP Section 4.4.1, Table 4-3,**

- (A) Beginning of Project Development Process prior to approval of the PSR
- (B) PSR approved but Environmental Documents are not final
- (C) Environmental Documents Final
- (D) Environmental Documents are final, design complete and project in the construction phase of project delivery
- (ND) SWMP category not defined. Treatment BMPs have been considered and implemented where appropriate for these projects

Note: All projects that do not require a SWPPP will require a WPCP

SECTION FIVE

Regional Work Plans

TABLE 5-2: DISTRICT 1 ANTICIPATED MAINTENANCE ACTIVITIES AND OTHER MANAGEMENT PRACTICES							
Significant Road Maintenance Activities (1)							
County	Route	PM	Description	Water Bodies Affected	Criteria (2)	Start Date	Completion Date
			None that require 401 certification				
Maintenance Facility and Activity Inspections							
Four of twenty Maintenance Facilities in District 1 are scheduled for annual inspections by the District Storm Water Coordinator.							
Maintenance Facility BMP Improvements							
BMP improvements will be initiated when facility inspections indicate that improvements are necessary to comply with the Statewide Permit.							
Maintenance BMP Actions/Modifications							
Excess soils stockpile areas – containment areas are and will be established at various locations on State right of way for temporary storage of excess soil from maintenance activities. These sites are designed to filter effluent prior to discharge. Effluent will be monitored during disposal events.							
Sediment Control – Slopes, shoulders and ditches will be monitored during the wet weather season to identify locations requiring BMP's for sediment control. BMP's will be constructed/installed as necessary to reduce sediment discharge to the maximum extent practicable.							
Vegetation Management and Vegetated Slope Management							
<p>The District's Vegetation Control Plan (VCP) for FY 2005/2006 is under development. The goal of the District's 05-06 VCP is to minimize the discharge of chemicals to receiving waters by reducing chemical use for vegetation control. The district VCPs are under development at this time. They include the following:</p> <ul style="list-style-type: none"> • Type of chemical to be applied- • Applications locations, widths, total acres applied, frequency, amount totals- • Reason for application 							

SECTION FIVE

Regional Work Plans

TABLE 5-2: DISTRICT 1 ANTICIPATED MAINTENANCE ACTIVITIES AND OTHER MANAGEMENT PRACTICES				
Vegetated Slope Evaluation: District 1				
County	Route	PM	Inspection Schedule	Remediation Action Planned
Mendocino	1	22.00 to 30.00	FY 05/06	Implement appropriate BMPs
	1	60.23 to 75.00	FY 05/06	Implement appropriate BMPs
	20	17.30 to 33.16	FY 05/06	Implement appropriate BMPs
	101	59.31 to 74.00	FY 05/06	Implement appropriate BMPs
	128	11.63 to 25.00	FY 05/06	Implement appropriate BMPs
Humboldt	36	11.50 to 23.82	FY 05/06	Implement appropriate BMPs
	96	34.20 to 45.64	FY 05/06	Implement appropriate BMPs
	101	9.00 to 22.40	FY 05/06	Implement appropriate BMPs
	101	46.00 to 57.70	FY 05/06	Implement appropriate BMPs
	254	0.00 to 4.83	FY 05/06	Implement appropriate BMPs
	299	5.45 to 17.40	FY 05/06	Implement appropriate BMPs
	299	35.55 to 43.04	FY 05/06	Implement appropriate BMPs
Del Norte	199	12.00 to 24.90	FY 05/06	Implement appropriate BMPs

SECTION FIVE

Regional Work Plans

TABLE 5-2: DISTRICT 2 ANTICIPATED MAINTENANCE ACTIVITIES AND OTHER MANAGEMENT PRACTICES							
Significant Road Maintenance Activities (1)							
County	Route	PM	Description	Water Bodies Affected	Criteria (2)	Start Date	Completion Date
			None that require 401 certification				
Maintenance Facility and Activity Inspections							
All maintenance facilities in District 2 are inspected annually by the Maintenance Storm Water Coordinator (MSWC). Consultants are hired under contract to inspect 6 facilities in the district. Facilities to be inspected are not determined until the time of inspection.							
Maintenance Facility BMP Improvements							
No improvements are anticipated; however, BMP improvements will be initiated when facility inspections indicate that improvements are necessary to comply with the Statewide Permit.							
Maintenance BMP Actions/Modifications							
Vactor waste disposal – only disposal sites are used for vactor waste. These sites are designed to filter effluent prior to discharge. Effluent will be monitored during disposal events.							
Road Grinding Reuse – Road grindings reused by the Department will not be placed where they may migrate to surface waters. In general. Grindings are kept at least 100 feet from waterways and will be placed and compacted to create a stable surface.							
Vegetation Management and Vegetated Slope Management							
<p>The District's Vegetation Control Plan (VCP) for FY 2005/2006 is under development. The goal of the District's 05-06 VCP is to minimize the discharge of chemicals to receiving waters by reducing chemical use for vegetation control. The district VCPs are under development at this time. They include the following:</p> <ul style="list-style-type: none"> • Type of chemical to be applied. • Applications locations, widths, total acres applied, frequency, amount totals. • Reason for application 							

SECTION FIVE

Regional Work Plans

TABLE 5-2: DISTRICT 2 ANTICIPATED MAINTENANCE ACTIVITIES AND OTHER MANAGEMENT PRACTICES				
Vegetated Slope Evaluation: District 2				
County	Route	PM	Inspection Schedule	Remediation Action Planned
Siskiyou	5	13.3-68.3	05/06	Implement appropriate BMPs

Table 5-2 Legend

- (1) Significant road maintenance activities includes projects involving grade changes, additional hydraulic capacity, direct discharges to surface waters, increases in impervious surface area, or other activities identified or agreed to between RWQCB and Department staff.
- (2) Criteria:

401 = 401 Certification/Waiver required

SECTION FIVE

Regional Work Plans

TABLE 5-3: DISTRICT 1 GENERAL MAINTENANCE PRACTICES

Monitoring Activities
Construction monitoring activities will be conducted as required by the General Construction Permit; this effort should not be confused w/ the Construction Compliance Monitoring Program.
Construction Compliance Monitoring Program
Construction activities are inspected through the Construction Compliance Monitoring Program. Monitoring results are provided in the Annual Report.
Training and Public Outreach
<p>Some Caltrans storm water training classes will be available for participation by local agencies, as space allows. If local agencies show interest and the Caltrans budget allows, additional training may be provided by Department staff. Training on storm water issues will be provided to crews during “tailgate” meetings or informal classes.</p> <p>Training on Maintenance storm water issues will be provided to crews during “tailgate” meetings every 10 working days or at each change in major maintenance activity.</p> <p>District 1 will seek opportunities to collaborate public education efforts w/ the MS4 permittees within District 1. The District would like to participate in some local events but any efforts could be limited by the Departments budget. New storm water pollution prevention posters will be placed. Safety Roadside Rest Areas and self-service storm water information displays will be setup at District 1 project open houses.</p>
Municipal Coordination
Meetings will be scheduled and conducted as necessary to implement and coordinate Phase II requirements with newly permitted and existing MS4 permittees. Coordination is an ongoing process for projects that involve or require local agency participation. Some Caltrans storm water training classes will be available for participation by local agencies.

SECTION FIVE

Regional Work Plans

TABLE 5-3: DISTRICT 2 GENERAL MAINTENANCE PRACTICES

Monitoring Activities
Construction monitoring activities will be conducted as required by the General Construction Permit.
Construction Compliance Monitoring Program
Construction activities are inspected through the Construction Compliance Monitoring Program. Monitoring results are provided in the annual report.
Training and Public Outreach
<p>Storm water training for Caltrans staff will be provided in formal classes and during crew tailgate meetings or facility inspections. Some Caltrans storm water training classes will be available for participation by local agencies, as space allows. If local agencies show interest and the Caltrans budget allows, additional training may be provided by Department staff.</p> <p>Storm drain stenciling will be maintained for storm drains at maintenance stations, rest areas, park and ride lots, vista points, State highways through cities of Weaverville and Yreka.</p> <p>Although no MS4 permittees are within North Coast Region portions of District 2, the District plans to participate in some local events as allowed by the Departments budget. Storm water pollution prevention posters will be placed and maintained at 6 Safety Roadside Rest Areas located within District 2 and the North Coast Region that receive an estimated 2,100,000 visitors annually. Storm water pollution prevention posters and handouts will be provided for self-service storm water information displays at District 2 project open houses.</p>
Municipal Coordination
Meetings will be scheduled and conducted as necessary to implement and coordinate Phase II requirements with newly permitted and existing MS4 permittees. Coordination is an ongoing process for projects that involve or require local agency participation. Some Caltrans storm water training classes will be available for participation by local agencies.